

ANNUAL INSECT REPORT

Forest - Cleveland

Ranger Dist.- Palomar

Dates of Field Examinations:

Sept. 8, 1930, and at other times
in conjunction with other work

Time spent in field survey of insect conditions; one day

Method of Survey: General Observations

General Insect Conditions on District: A great many white fir, Coulter pine and some Jeffrey pine are being attacked by Ips beetles. Their work is confined to a large extent to the pole stands of these species where the infestation is assuming economic proportions, especially on the Morgan Hill area. The beetle work seems to be upon the terminal shoots in the beginning of the attack and spreads from there. Aside from the Morgan Hill area and the Dyche Valley area (mostly private land), the insect damage does not seem to be reaching the epidemic stage.

Morgan Hill Area

Acrage, 1120 acres

Legal Subdivisions: S $\frac{1}{2}$ Sec. 23, SW $\frac{1}{4}$ Sec. 24, S $\frac{1}{2}$ Sec. 25, NE $\frac{1}{4}$ Sec. 25, T 9 S, R 1 W; N $\frac{1}{2}$ Sec. 30, T 9 S, R 1 E, SBM

Proportion of ownership: Gov. 86%, Private 14%

Timber type: White fir, Coulter pine and Jeffrey pine

Range in elevation: 5000 to 5500 ft.

Value of stand per MBM: No estimate; recreational value chiefly

Estimate of number of trees attacked during past season:

<u>Species</u>	<u>Above 12" DBH</u>	<u>Poles</u>
White fir	25	100
Jeffrey pine	25	25
Coulter pine	25	100

Treatment recommended: A control project should be made for the cutting and burning of the active beetle trees.

Remarks: It will not be practical to dispose of the infested trees by administrative or free use.

Dyche Valley Area

Acreage involved: 1280 acres

Legal subdivisions: E $\frac{1}{2}$ Sec. 18, W $\frac{1}{2}$ Sec. 17, W $\frac{1}{2}$ Sec. 20; E $\frac{1}{2}$ Sec. 19,
all in T 10 S, R 2 E, SBM

Proportion of ownership: Gov. 20%, Private 80%.

Timber type: Coulter and Jeffrey pine

Range in elevation: 4000 to 4800 ft.

Value of stand per MBM: High value aesthetically and recreationally

Estimate of number of trees attacked during past season: No estimate has been made as yet which may be used for control purposes, but this area is threatened very seriously with the beetle infestation. No control measures have been instituted in this area to my knowledge, and a conservative estimate would place the number of trees attacked this year at 500.

Treatment recommended: A control project should be put into effect for cutting and burning the infested trees.

Remarks: Inasmuch as the bulk of this area is privately owned, it is probable that any efforts toward having the trees disposed of by cooperative sale, etc., can be made. The owners of the property agree that something should be done, but do not show much interest when it comes to spending any of their money toward alleviating the condition. The cause of the condition here was very probably due to the weakened condition of many trees caused by the Beauty Mt. fire of 1928 which burned into and close to the area concerned.

Submitted October 2, 1930

Signed A.M. Longacre,
 Jr. Forester.